

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
BRADFORD et al.)
Appl. No. To be Assigned) Group Art Unit:
Int'l Appl No.: PCT/GB00/03704)
Filed: 18 March 2002) Examiner:
Int'l Filing Date: 27 September 2000)
For: METHOD FOR UPDATING AN EARTH) Docket N°: US57.0359-WO
MODEL USING MEASUREMENTS)
GATHERED DURING BOREHOLE)
CONSTRUCTION)

**EXPRESS MAIL CERTIFICATE
UNDER 37 CFR §1.10**

Assistant Commissioner for Patents
Box New Patent Application
Washington, D.C. 20231

Sir:

Express Mail Label Number: EV 060666808 US
Date of Deposit: 3-18-02

I hereby certify that the attached US national patent application and fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box New Patent Application, Washington, D.C. 20231.

(Signature)
(Print Name)

Ruth A. Schreiber
Ruth A. Schreiber

Schlumberger-Doll Research
Patent Department
36 Old Quarry Road
Ridgefield, Connecticut 06877-4108
(203) 431-5000

03-20-2002

JC05H

CT/PTO 18 MAR 2002

ATTORNEY'S DOCKET NUMBER

**TRANSMISSION LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

US57.0359-WO

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/088725

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/GB00/03704	27 September 2000 (27.09.00)	01 October 1999 (01.10.99)
TITLE OF INVENTION METHOD FOR UPDATING AN EARTH MODEL USING MEASUREMENTS GATHERED DURING BOREHOLE CONSTRUCTION		

APPLICANT(S) FOR DO/EO/US

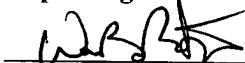
SCHLUMBERGER TECHNOLOGY CORPORATION

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
14. A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. A substitute specification.
16. A change of power of attorney and/or address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
18. A second copy of the published international application under 35 U.S.C. 154(d)(4). (WO 01/25823 A1)
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information:
- Form PCT/IB/308 Notice Informing the Applicant of the Communication of the International Application to the Designated Offices

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/088725		INTERNATIONAL APPLICATION NO PCT/GB00/03704	ATTORNEY'S DOCKET NUMBER US57.0359-WO																																																				
21. <input checked="" type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY																																																					
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1040.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... \$890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)..... \$100.00																																																							
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$890.00																																																					
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$130.00																																																					
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>21 - 20 =</td> <td>11</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>3 - 3 =</td> <td>0</td> <td>x \$84.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td>+ \$280.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS = \$1038.00</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td></td> <td></td> </tr> <tr> <td colspan="2"></td> <td>SUBTOTAL =</td> <td>\$</td> </tr> <tr> <td colspan="2">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="2">TOTAL NATIONAL FEE =</td> <td>\$1038.00</td> <td></td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> <td></td> <td></td> </tr> <tr> <td colspan="2">TOTAL FEES ENCLOSED =</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td colspan="2"></td> <td>charged</td> <td>\$1038.00</td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	21 - 20 =	11	x \$18.00	Independent claims	3 - 3 =	0	x \$84.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	TOTAL OF ABOVE CALCULATIONS = \$1038.00				<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.						SUBTOTAL =	\$	Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$		TOTAL NATIONAL FEE =		\$1038.00		Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				TOTAL FEES ENCLOSED =		\$				Amount to be refunded:	\$			charged	\$1038.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																																				
Total claims	21 - 20 =	11	x \$18.00																																																				
Independent claims	3 - 3 =	0	x \$84.00																																																				
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00																																																				
TOTAL OF ABOVE CALCULATIONS = \$1038.00																																																							
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.																																																							
		SUBTOTAL =	\$																																																				
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$																																																					
TOTAL NATIONAL FEE =		\$1038.00																																																					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																																							
TOTAL FEES ENCLOSED =		\$																																																					
		Amount to be refunded:	\$																																																				
		charged	\$1038.00																																																				
a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.																																																							
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 19-0615 in the amount of \$1038.00 to cover the above fees. A duplicate copy of this sheet is enclosed.																																																							
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0615 . A duplicate copy of this sheet is enclosed.																																																							
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																																							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.																																																							
SEND ALL CORRESPONDENCE TO: Intellectual Property Law Department Schlumberger Doll Research 36 Old Quarry Road Ridgefield, CT 06877-4108																																																							
 SIGNATURE William B. Batzer NAME 37,088 REGISTRATION NUMBER																																																							